

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An electrical component comprising:

[[-]] ~~with an electrical connection (1, 1a, 1b) containing~~ comprising aluminum ~~in its surface, [[-]] in which, the electrical connection comprising a contact area (2) of the aluminum-containing surface has been made~~ that is solderable.

2. (Currently Amended) The electrical component according to of claim 1,
wherein the in which a contact area comprises a surface that is (2) of the aluminum-
containing surface is chemically ~~nickel~~ plated with nickel.

3. (Currently Amended) The electrical component according to of claim 2, in
which the nickel-plated wherein the contact area surface is at least partially plated with tin
tin-plated.

4. (Currently Amended) The electrical component of claim 1 according to one of
claims 1 through 3, in which wherein a surface of the contact area (2) of the surface of the
connection has an is uneven form.

5. (Currently Amended) An electrolytic capacitor comprising the electrical component of claim 1 according to one of claims 1 through 4, which is an electrolyte capacitor.

6. (Currently Amended) An electrochemical double-layer capacitor comprising the electrical component of claim 1 according to one of claims 1 through 4, which is an electrochemical double layer capacitor.

7. (Currently Amended) The electrical component according to one of claims 1 through 6, which contains of claim 1, further comprising a chemically aggressive fluid.

8. (Currently Amended) A device ~~containing~~ comprising:
an electrical component according to claim 1; and
an electrical conductor;
~~one of claims 1 through 7, wherein the electrical connection in which at least one connection (1) is soldered together with~~ to the an electrical conductor (4, 5).

9. (Currently Amended) The device according to of claim 8, further comprising:
a second electrical component;
wherein the electrical conductor is soldered to an electrical in which a connection (1) is soldered together with a further on the second electrical component (3, 3a, 3b).

10. (Currently Amended) The device according to one of claim 9 ~~claims 8 or 9,~~
wherein the electrical conductor is part of a printed circuit board ~~in which the connectors~~
~~(1a, 1b) of two components (3a, 3b) according to one of claims 1 through 7 are soldered~~
~~together.~~

11. (Currently Amended) The device of claim 9, wherein the electrical conductor
comprises a single conductor with a low resistance that connects electrical connections of
the first electrical component to electrical connections of the second electrical component
~~according to one of claims 8 or 9, in which the connections (1a, 1b) of two components~~
~~(3a, 3b) according to one of claims 1 through 7 are soldered together with one connector~~
~~(4) each, which connects the components (3a, 3b) with one another in an electrically~~
~~conductive manner.~~

12. (Currently Amended) The device according to of claim 8, wherein the
electrical conductor comprises ~~in which the connections (1, 1a, 1b) of one or more~~
~~components (3, 3a, 3b) according to one of claims 1 through 7 are soldered together with a~~
~~conductor plate (5).~~

13. (New) An electrical component comprising:
a housing; and

an electrical connection that is partly within the housing, the electrical connection comprising aluminum and a layer of nickel on top of the aluminum, the layer of nickel defining a contact area.

14. (New) The electrical component of claim 13, wherein the layer of nickel comprises chemically-plated nickel.

15. (New) The electrical component of claim 13, wherein at least part of the electrical connection is curved.

16. (New) The electrical component of claim 13, wherein the electrical connection comprises a surface that is plated with the aluminum.

17. (New) The electrical component of claim 13, wherein the electrical connection is solid aluminum.

18. (New) An apparatus comprising:
a first electrical component comprising a first electrical connection, the first electrical connection comprising aluminum and a first layer of nickel on top of the aluminum, the first layer of nickel comprising a first contact area;

a second electrical component comprising a second electrical connection, the second electrical connection comprising aluminum and a second layer of nickel on top of the aluminum, the second layer of nickel comprising a second contact area; and
a connector that electrically connects to the first contact area and to the second contact area.

19. (New) The apparatus of claim 18, wherein:

the first electrical component comprises a third electrical connection, the third electrical connection comprising aluminum and a third layer of nickel on top of the aluminum, the third layer of nickel comprising a third contact area;

the second electrical component comprises a fourth electrical connection, the fourth electrical connection comprising aluminum and a fourth layer of nickel on top of the aluminum, the fourth layer of nickel comprising a fourth contact area; and

the connector electrically connects to the third contact area and to the fourth contact area.

20. (New) The apparatus of claim 18, wherein the connector comprises electrically-conductive strip connectors of a printed circuit board.